

**STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

Attachment No. 1

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PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

Subchapter 4, Construction Safety Orders

Article 28, Miscellaneous Construction Tools and Equipment

Amend Section 1704, Pneumatically Driven Nailers and Staplers, as follows:

Section 1704. Pneumatically-Driven Nailers and Staplers.

(a) Definitions.

(1) Light-Duty Nailers and Staplers: Tools designed to only drive fasteners meeting both of these requirements:

(A) Fasteners 1-inch nominal length or shorter.

(B) Fasteners made from wire with cross sectional area less than 18 ASWG.

(2) Mode of actuation: The use of a trigger, workpiece contact and/or other operating control, separately or in some combination or sequence, to actuate the tool. Modes of actuation include "bump fire" and sequential modes.

(b) General.

(1) ~~(a)~~ All pneumatically-driven nailers and staplers ~~which operate at more than 100 psi pressure at the tool,~~ shall have a safety device on the muzzle to prevent the tool from operating unless the muzzle is in contact with the work surface, to prevent accidental discharge.

Exception: Light-Duty Nailers and Staplers.

(2) All pneumatically-driven nailers and staplers shall be operated and maintained in accordance with the manufacturer's operating and safety instructions.

(3) Personal protective equipment shall be utilized in accordance with Construction Safety Orders Section 1514.

(4) Operating controls shall not be removed, tampered with, altered, or otherwise disabled.

(5) Pneumatically-driven nailers and staplers shall be connected to the air supply with a safety disconnect that consists of a spring loaded shut-off valve and a positive locking mechanism to prevent the tool from becoming accidentally disconnected.

(6) Tools shall be equipped with a fitting that will discharge all compressed air in the tool at the time the fitting or hose coupling is disconnected.

(c) ~~(b) When not in use, or unattended, all p~~Pneumatically-driven nailers and staplers shall be disconnected from the air supply at the tool: when:

(1) performing any maintenance or repair on the tool,

(2) clearing a jam,

(3) the operator leaves the working level where the tool is, or

(4) the worker is over 25 feet from or is out of sight of the tool.

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(d) ~~When these tools are used on roofs of 1/3 pitch and steeper, the operator shall wear a safety belt with a lanyard securely fastened to a substantial anchorage.~~ On roofs sloped steeper than 7:12 of 1/4 pitch or steeper, the air hose shall be secured at roof level in such a manner as to provide ample, but not excessive, amounts of hose.

(e) ~~(e)~~ All pneumatic hoses exceeding 1/2-inch inside diameter shall have a safety device at the source of supply or branch line to reduce pressure in case of hose failure.

(f) The employer's written Code of Safe Practices shall include provisions for the use of pneumatically-driven nailers and staplers where applicable.

(g) Training.

(1) The requirements of this Section shall apply in addition to training required by Construction Safety Orders, Section 1509, and General Industry Safety Orders, Section 3203(a)(7).

(2) Safety training shall be conducted prior to initial assignment to operate pneumatically-driven nailers or staplers.

(3) Refresher training shall be provided to the operator when:

(A) The operator has been observed using the pneumatically-driven nailer or stapler in an unsafe manner; or

(B) The operator has been involved in an accident.

(4) Safety training shall include, but not be limited to, the following elements:

(A) The employer's Code of Safe Practices for pneumatically-driven nailers or staplers.

(B) The hazards related to each mode of actuation for pneumatically-driven nailers and staplers.

(C) Hands-on training to verify that the operator understands the operating and safety instructions.

(5) Training shall be conducted by a qualified person.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.